

AD-A212 548

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DATE

July 27, 1989

TO: Information Services Branch

FROM: Computer Products Support Group

DLG

(Init)

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(Init)

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(Init)

RE:

DON/SW/MT-89/023  
(REPORT NO.)

ANNOUNCE IN GRA & I

PRIORITY ACTION IS REQUIRED

Attached



Form NTIS 231



Form 277/ECPC-01



NTIS 79



RDP (CF 272)



Consigned Inventory Acquisition  
Form (Interagency Agreement  
Number and Split)

Process form



Documentation



Mag Tape

K File  
(Data)



Diskette



Documentation

H File  
(Software)



Mag Tape



Diskette

DTIC

ELECTE

AUG 22 1989

S D D

Section:



Defense Sponsored: Acquire ADA Number



Order Pending. Return immediately after  
copying necessary pages.



Forward processing pages for documentation to Document Control Section.



Subscription request \_\_\_\_\_ copies



Shelf Stock request \_\_\_\_\_ copies



Regular Processing. Do not send to Document Control Section.

Section:

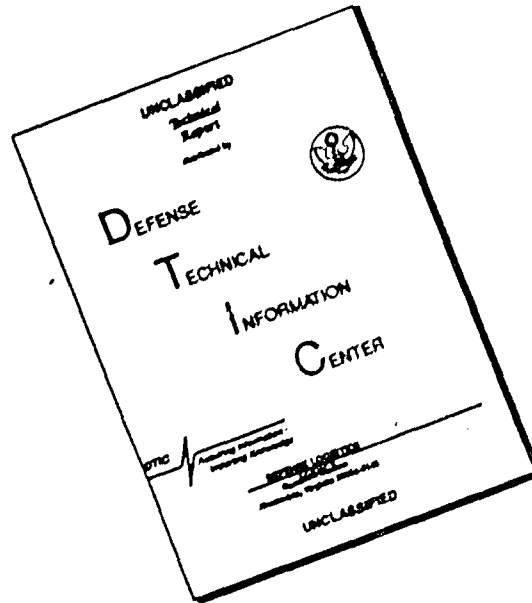
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NTIS COMPUTER PRODUCTS CATALOG DATA SHEET	REPORTING AGENCY REPORT NO. AD/WW/MT-89/023	SUBJECT												
4. PRODUCT <i>(circle one)</i> <div style="display: flex; justify-content: space-around;"> <span>DATA FILE</span> <span><b>SOFTWARE</b></span> <span>PUBLICATION</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>DATA BASE REFERENCE SERVICE</span> <span></span> <span>MODEL, SIMULATION</span> </div>														
5. AGENCY, BUREAU, DIVISION, AND ADDRESS  ASD/SCCL ACVC Maintenance Organization Bldg 676 Wright-Patterson AFB, Ohio 45433-6503														
6. PRODUCT NAME <i>(Use agency nomenclature)</i>  Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release), ANSI														
7. DESCRIPTORS OF PRODUCT <i>(Keywords, identifiers, etc.)</i> *SOFTWARE,  The ACVC is a suite of tests designed to test an Ada Compiler's conformance to MIL-STD-1815A														
8. DATES OF COVERAGE <i>(For one-time reports, use an-of-date; for software, use date and release no.)</i>  June 1989, Version 1.11 (Draft)	9. FILE SIZE IN NO. OF:  REELS <span style="border: 1px solid black; padding: 0 5px;">1</span> PUNCHED CARDS <span style="border: 1px solid black; padding: 0 5px;"> </span>													
10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. <i>(If NTIS sells, leave blank)</i>  *See also: AD-A188541														
11. PRICE INFORMATION <span style="float: right;">- 89/023A</span> <div style="display: flex; justify-content: space-between;"> <span>(\$1,000 Domestic)</span> <span>Price includes documentation:</span> </div> Price code: T99 (\$2,000 Foreign)														
12. GEOGRAPHIC SCOPE The ACVC is unclassified U.S. Software Technology. It should be distributed to domestic and foreign requesters according to U.S. Department of Commerce Regulations.														
13. TECHNICAL REPRESENTATIVES <i>(List at least one for subject and one for media)</i> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">NAME</th> <th style="width: 33%;">TITLE</th> <th style="width: 33%;">PHONE NO.</th> </tr> </thead> <tbody> <tr> <td>Steven P. Wilson</td> <td>AMO Technical Director</td> <td>(513) 255-4472</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			NAME	TITLE	PHONE NO.	Steven P. Wilson	AMO Technical Director	(513) 255-4472						
NAME	TITLE	PHONE NO.												
Steven P. Wilson	AMO Technical Director	(513) 255-4472												
14. DOCUMENTATION  <input checked="" type="checkbox"/> AVAILABLE as:		EXPECTED AVAILABILITY DATE												

The Ada Compiler is a software tool designed to determine if Ada compiler conformant with MIL-STD-1815A the Ada Language Reference Manual (LRM). A new official version of the ACVC is released regularly - currently an 18 month cycle. Six months prior to the expiration of an ACVC version, a field - test release of the subsequent version is made available for distribution. ACVC 1.10 was officially released in Jun 88 and will expire 30 Nov 89. . . Software Description: The model is written in the Ada programming language for implementation on a DEC VAX/8650 computer using the VMS Version 4.7 operating system. (b)(7)(C)

Accession For	
NTIS CRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By Mag. Tape 1, 000, 000	
Distribution / NTIS	
Availability Codes	
Dist	Avail and/or Special
A-1	24

#### 16. DATA FILE TECHNICAL DESCRIPTION

Source tape is in ASCII character set. Character restricts preparation to 9 track, one-half inch tape only. Identify recording mode by specifying density only. Call NTIS Computer Products, if you have any questions.

#### 17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran \_\_\_\_\_ COBOL \_\_\_\_\_ Basic \_\_\_\_\_ Assembly \_\_\_\_\_ Other (Specify) Ada

Software requires;

CPR Mfr. \_\_\_\_\_ Model(s) \_\_\_\_\_ Operating system(s) \_\_\_\_\_  
Minimum of \_\_\_\_\_ K bytes core. The following special features and/or additional requirements in hardware:

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE

*Steven B. Nelson* 513-235-4472  
11 Jul 89

SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED

# COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date Year: <input type="text"/> Month: <input type="text"/> Day: <input type="text"/>			02. Form Prepared By (Name and Phone) Thomas H. Stripe (513) 255-4472			03. Reel ID Number (Property Control No.) ACVC 1.11 ANSI		
04. Recording Date Year: <input type="text"/> Month: <input type="text"/> Day: <input type="text"/>			05. File Identifier or Descriptive Title Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release)			06. Short Title (External Label Name) ACVC11		
07. Source Unavailable Year: <input type="text"/> Month: <input type="text"/> Day: <input type="text"/>			08. Documentation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Available (Enter Citation)			09. File Position on Reel _____ of _____		
10. To Be Returned Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> To Other Than The Sender			11. Submitting Organization & Address ASD/SCCL ACVC Maintenance Organization Bldg 676 Wright-Patterson AFB, OH 45433-5003			12. Receiving Organization & Address U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, VA 22161		
13. Due Back Date Year: <input type="text"/> Month: <input type="text"/> Day: <input type="text"/>								
14. Technical Contact(s) & Phone Number(s) Steven P. Wilson (513) 255-4472								

## RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit Digital Equipment Corp. VAX 8650		17. No. of Tracks 7 <input type="checkbox"/> 9 <input type="checkbox"/> Other <input type="checkbox"/>		18. Parity Odd <input type="checkbox"/> Even <input type="checkbox"/>		19. Density (BPI) 1600
	16. Tape Subsystem DEC TU81E/AA		X		X		
RECORDING SOFTWARE	20. Operating System, Release & Version VAX/VMS Version 4.7		22. Internal File Identifier				
	21. Utility Program, or Data Base Language Copy						
23. Characters Set (Graphics) <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> BCD <input type="checkbox"/> Other (Specify) <input type="checkbox"/> EBCDIC <input type="checkbox"/> FIELDATA <input type="checkbox"/> Non-Print Codes			24. Recorded Label (Internal Label) <input type="checkbox"/> Header <input checked="" type="checkbox"/> ANSI X 3.27 Standard <input type="checkbox"/> Other <input type="checkbox"/> Trailer <input type="checkbox"/> FIPS Standard <input type="checkbox"/> None				

## FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 8785	27. Record Type <input type="checkbox"/> Fixed Length <input checked="" type="checkbox"/> Other Than Fixed	28. Records/Block (Blocking Factor) N/A	29. TYPE OF FILE ORGANIZATION (Check One Box) <input type="checkbox"/> One File One Reel <input type="checkbox"/> One File Multiple Reels <input checked="" type="checkbox"/> Multiple Files One Reel <input type="checkbox"/> Multiple Files Multiple Reels
	26. Logical 289			
RECORD LENGTH	30. Physical <input checked="" type="checkbox"/> Bytes <input type="checkbox"/> Chars. <input type="checkbox"/> Words (Bits/Word)			
	31. Logical <input type="checkbox"/> Bytes <input checked="" type="checkbox"/> Chars. <input type="checkbox"/> Words (Bits/Word)			

## SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints (Specify if Yes)	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The ACVC is unclassified U.S. software technology. It should be distributed to domestic and foreign requesters according to U.S. Department of Commerce Regulations.
33. For Submitting Organization Use	